T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

Final bill
Recorded on:- 27.7.2018

M. A. R. 57 (Rule 116)
Measurement Book

Work Code:- 006-15-000033

No. B

Work order No:- BBMP/EE/BTP/W.O/14/2015-2016 Date:- 30/04/2016

Serial No. ..... Improvements to Roads and drains near Buddisht School (Kothanuru) Hulimavu Extn

Name of Work- carriage) in ward No 176 Byatarayanapura Sub division

Name of Contractor of nature of Agency NITHIN.R, No-58, Gundappa Layout, 5th Cross, Bangalore-91

Date of commencement of work .....

Est Cost:- 30.00 Lakhs

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(1) KSRB 2-1.1: Earth work in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipeline and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.						
	Quantity vide AB per pre-measurement are recorded in this MB and page no of:- 25186 7-69:-					336.95 m^3	50,542.50
	@ Rs. 150.00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	② KSRB 2-2.1 : Earth work excavation fom foundation of buildings culverts, water supply. Sanitary lines and electrical Conduits either in pits or in trenches 1.5m and above in width. in hard soil not exceeding 1.5m in depth ; including dressing the bottom and sides of pits and trenches. Stacking the excavated soil clear from edges of excavation with lead up to 50 mm. after breaking of clods Complete as per specifi cations.						
	Quantity vide. As per pre-measurements recorded in this ms and page no of:- 25/870 :- 39.93 m³ @Rs. 250.00						9982.50
	③ Removing B.S. slab of drain and stacking clods per Specifica						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	tions and directions a
	Quantity vide. As in this ms and
	④ Refixing stone slab Specifications and

OOK

Depth 6	Contents 7	Reference to last Measurement 8
om foundation of building.		
and electrical Conduits		
nd above in width. in		
th ; including dressing		
enches. Stacking the		
excavation with lead		
Complete as per Specifi		
emente are recorded		
To:- 39.93 m^3		9982.50
@Rs. 250.00		
cking as per Specifica		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251853

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	tions and directions of the engineer in charge of the work.						
	Quantity vide. As per pre-measurements are recorded in this ms and pages no of:- 25187					1014.75 m^2	60,885.00
					@Rs. 60.00		
	④ Refixing stone slabs of dados and pointing in cm(1:3) as per Specifications and directions of the engineer in charge of the work.						
	Quantity vide item no:- ④					1014.75 m^2	76,106.25
					@Rs. 75.00		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(5) Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc complete-do-7.5 Cms thick as per specifications.						
	Doddaballi Extension Level:	2	6.00	1.65	-	19.80	
		2	15.00	1.65	-	49.50	
		2	15.00	1.65	-	49.50	
		2	15.00	1.65	-	49.50	
		2	15.00	1.65	-	49.50	
		2	15.00	1.65	-	49.50	
		2	15.00	1.65	-	49.50	
		2	15.00	1.65	-	49.50	
		2	16.50	1.65	-	54.45	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	-
	-
	4th Grade:
	-

OK

Depth 6	Contents 7	Reference to last Measurement 8
lity roughly dressed and g fixing curing etc tion.		
-	19.80	
-	49.50	
-	49.50	
-	49.50	
-	49.50	
-	49.50	
-	49.50	
-	49.50	
-	49.50	
-	54.45	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 251854

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	-	2×1	15.00	1.65	-	49.50	
		2×1	10.00	1.65	-	33.00	
	-	2×1	13.00	1.65	-	42.90	
	4th Floor:	2×1	4.70	1.65	-	15.51	
		2×1	15.00	1.65	-	49.50	
		2×1	15.00	1.65	-	49.50	
		2×1	15.00	1.65	-	49.50	
	-	2×1	15.00	1.65	-	49.50	
		2×1	15.00	1.65	-	49.50	
		2×1	15.00	1.65	-	49.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2×1	15.00	1.65	-	47.50	
		2×1	15.00	1.65	-	49.50	
		2×1	15.00	1.65	-	49.50	
		2×1	9.00	1.65	-	29.70	
	Bhuddist School main Road:-	1×1	12.00	1.65	-	19.80	
		1×1	15.00	1.65	-	24.75	
	-	1×1	13.40	1.65	-	22.11	
		1×1	15.00	1.65	-	24.75	
		1×1	15.00	1.65	-	24.75	
		1×1	15.00	1.65	-	24.75	
		1×1	15.00	1.65	-	24.75	
	-	1×1	19.00	1.65	-	31.35	

Serial No. .....
Name of Work .....
Name of Contractor of nat
Date of commencement of

Date	Full description,
1	2

(6) HSRB-44.3: P
of mix on
Size graded

NT BOOK

Dimensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	1·65	-	49·50	
	1·65	-	49·50	
	1·65	-	49·50	
	1·65	-	29·70	
	1·65	-	19·80	
	1·65	-	24·75	
	1·65	-	22·11	
	1·65	-	24·75	
	1·65	-	24·75	
	1·65	-	24·75	
	1·65	-	24·75	
	1·65	-	24·75	
	1·66	-	31·35	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251855

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1X1	15.00	1.65	-	24.75	
		1X1	15.00	1.65	-	24.75	
		1X1	30.00	1.65	-	49.50	
						1283.37 m²	
	Limited to schedule 'B' Quantity:-					1163.25 m²	7,38,847.50
						@Rs. 630.00	
	⑥ KSRB-11.3: Providing and laying in position plain Cement Concrete of mix m1:4:8 with opc Cement at 180 kgs. with Hoisting and lowering Size graded granite metal Coarse aggregate @0.892 Cum and						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	fine aggregates @0.57cum machine mixed Concrete laid in layers not exceeding 15cms thick well Compacted in foundation and plinth including Cost of all materials, labour, curing Complete as per Specifications.						
	Quantity vide, As per pre-measurements recorded in this MB and page no of:- 251873 :-					5.70m³	27,930.00
						@Rs. 4900.00	
(7)	KSRB 5.2.3 Providing and Constructing granite/ trap/basalt Size stone masonry in foundation with Cement mortar 1:6, stone hammered dressed in Courses not less than 20cms high, bond stones at two mm. apart in each course including						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Cost of materials,
	Dasarahalli Excavation
	Found
	2nd
	main
	Lib
(8)	KSRB 5.3-3 Prov

BOOK

s		Contents	Reference to last Measurement
adth	Depth		
5	6	7	8
1876-78:-		540.10 m³	891165.00
		@Rs. 1650.00	
lying primmer coat from			
er 10 Sqmm for Surfaces			
respectively over prepa			
ace with Cut back MC-70			
with diesel at 10 kg per			
oiler fitted with Spray			
ed Surface) including			
Hire of machineries			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

251861

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide A/C per pre-measurement recorded in this ones and page no of:- 251879-81:-					2700.50 m²	175532.50
						@Rs 65.00	
	(16) KSRRB m500-18: Providing and laying Semi dense bituminous Concrete 26mm Thick with 100-120 TPH batch type Hmp producing an average output of 75 tonnes per hour using Crushed aggregates of Specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Site, laying with a hydrostatic paver finisher with screed control to the required grade, level and alignment rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MoRTH Specifications clause no 500.8 Complete in all respects as Per Specifications.						
	Doraballi Extension lake Road:	1	6.00	$\frac{14.00+6.90}{2} \times 0.025 = 1.57$			
		1	15.00	$\frac{6.90+6.60}{2} \times 0.025 = 2.57$			
		1	15.00	$\frac{6.60+6.30}{2} \times 0.025 = 2.40$			

31/8

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T BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		over finishing with Screed le. level and alignment vibratory and tandem Compaction as per MORTH complete in all respects as	
		6.90+6.90 / 2 × 0.025 = 1.57	
		6.50+6.50 / 2 × 0.025 = 2.51	
		6.30+6.50 / 2 × 0.025 = 2.40	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251862

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	15.00	6.30+6.20 / 2	0.025	2.34	
		1	15.00	6.20+5.90 / 2	0.025	2.27	
		1	15.00	5.90+5.70 / 2	0.025	2.18	
		1	15.00	5.70+6.40 / 2	0.025	2.27	
		1	15.00	6.40+5.20 / 2	0.025	2.18	
		1	16.50	5.20+5.60 / 2	0.025	2.23	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	-	1	15.00	$\frac{6.50+6.40}{2}$	×0.025	2.42	
		1	10.00	$\frac{6.40+5.30}{2}$	×0.025	1.53	
	+	~~13.00~~	~~7.20+7.30~~	~~2~~	~~×0.025~~		
	4th Gnds Road:-	1	4.70	$\frac{4.90+4.50}{2}$	×0.025	0.56	
	-	1	15.00	$\frac{3.80+4.00}{2}$	×0.025	1.46	
		1	15.00	$\frac{4.00+4.30}{2}$	×0.025	1.56	
		1	15.00	$\frac{4.30+4.60}{2}$	×0.025	1.67	
		1	15.00	$\frac{4.60+4.40}{2}$	×0.025	1.69	
		1	15.00	$\frac{4.40+4.50}{2}$	×0.025	1.67	

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work ..

Date	Full description, etc, of w
1	2
	C&RC
	Bhuddist School

BOOK

Depth 6	Contents 7	Reference to last Measurement 8
6.40 ×0.025	2.42	
5.30 ×0.025	1.53	
7.20 ×0.025		
4.50 ×0.025	0.56	
4.00 ×0.025	1.46	
4.30 ×0.025	1.56	
4.60 ×0.025	1.67	
4.40 ×0.025	1.69	
4.50 ×0.025	1.67	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251863

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	C&RC.	1	15.00	4.50+5.20/2 ×0.025		1.82	
		1	15.00	5.20+4.50/2 ×0.025		1.82	
	₹.31/8 on	1	15.00	4.50+4.60/2 ×0.025		1.71	
	ಜ.ಅ. (illegible)	1	9.00	4.60+4.90/2 ×0.025		1.07	
	Bhuddist Schoolmain Road:	1	12.00	8.80+7.25/2 ×0.025		2.41	
	on	1	15.00	7.25+8.10/2 ×0.025		2.88	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	–	1	13.40	$\frac{6.70+6.70}{2}$	×0.025	2.24	
		1	15.00	$\frac{6.70+5.90}{2}$	×0.025	2.36	
		1	15.00	$\frac{5.90+5.90}{2}$	×0.025	2.21	
		1	15.00	$\frac{5.90+5.90}{2}$	×0.025	2.21	
		1	15.00	$\frac{5.90+6.10}{2}$	×0.025	2.25	
	–	1	19.00	$\frac{6.00+5.70}{2}$	×0.025	2.78	
	Ory	1	15.00	$\frac{5.70+6.00}{2}$	×0.025	2.19	
		1	15.00	$\frac{6.00+6.00}{2}$	×0.025	2.06	
		1	30.00	$\frac{5.00+9.00}{2}$	×0.025	5.25	
						67.75 m³	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	(17) Lead for disposa by mechanical 0.00 to 2.00 Km

AE. 27

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
	6.70 ×0.025	2.24	
	5.90 ×0.025	2.36	
	5.90 ×0.025	2.21	
	5.90 ×0.025	2.21	
	6.10 ×0.025	2.25	
	5.70 ×0.025	2.78	
	6.00 ×0.025	2.19	
	6.00 ×0.025	2.06	
	19.00 ×0.025	5.25	
		67.75 m³	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251864

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Limited to schedule Qty:- 67.51 m³ @ Rs. 8900.00						6,00,839.00
	(17) Lead for disposal of debries shall be payable at carriage rates by mechanical means including loading and unloading from 0.00 to 2.00 km etc. as per specifications.						
	Quantity vide item no: (1)+(2):- (336.95 m³ + 39.93 m³) = 376.88 m³ @ Rs. 65.00						24497.20
	Total bill Amount Rs:-						28,32,654.95

AE. 27.7.2016

Cr. Engr. 27/7/2016

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE:- (1) Certified that the above work done is Satisfactorily Completed. (2) Certified that the Agency has cleared the debris from the work spot.						

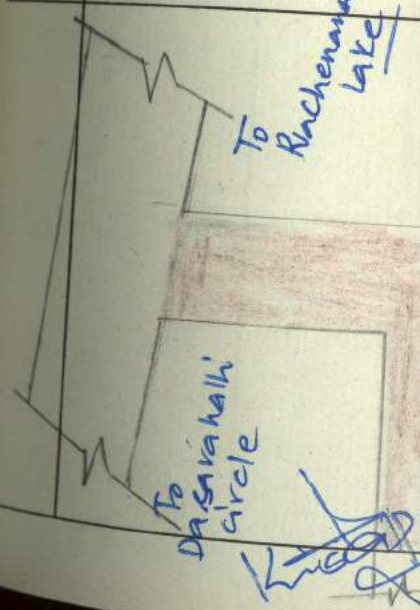
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ.ಬ.ಮ.ಪ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪವಿಭಾಗ

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P Bangalore

27/7/16

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ....

Date	Full description, etc, of w
1	2



BOOK

ions		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
done is Satisfactorily. Comp			
cleared. The debris from			
27/7/16 Executive Engineer Sub Division Bangalore			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251865

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc. of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	To Rachenahalli Lake					15th	To Rachenahalli Lake
	Buddhist school		l = 152.5m			C1 2nd	
						C2 3rd	
	To Dasarahalli circle		l = 179.4m			C3	l = 133.7m
							4th cross.
	27.7.2016						

Assistant Executive Engineer
Byatarayanapura Sub Division
BMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						IT — 28327 —	
						VAT — 113306 —	
						Ins — 28327 —	
						CST — 2833 —	
						Roy — 86005 —	
						Total — 258798=00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work :

Date	Full description, etc, of w
1	2